

# Simple Ground Equipment & Services

## Milestones (3)



## Updates and milestones

### Version 72.9, 11th of December 2024

- In X-Plane 12, **enabled the passengers for all helicopters and small aircraft**, with a reduced total number suited to the smaller seating capacity.
- **Passengers will only appear automatically with the airliners**, the user has to force manually the display of passengers in every other cases. **Passengers are indeed only intended, designed and tested for airliners, even if enabled for helicopters and small aircraft from now on.**
- Ensure a long bus is only coming when a passenger bus is expected instead of a different, smaller, vehicle
- Updated the aircraft list in the manual
- Changes in two 3D vehicles
- Added adequate services for the **DASH-8A**, revised them for the DASH-8C (Q300)

### Version 73, 21th of December 2024

- Enhanced the optional user profiles to carry more information, like the passenger door location, when no stairs are used
- Boarding without stairs : some code redevelopment
- Tuned some aircraft configurations, like including the passenger door location
- Added a **Pilatus PC-12** configuration
- Added **Twin Otter** specific code
- Enhanced integration of **Thranda airplanes** chocks and tie-downs
- Custom code for the catering truck for the **MD-11** enhanced for the passenger variant
- Extra code rework
- Controlled for quality in X-Plane 12.1.2-r4

### Version 73.1, 1st of January 2025

- Enhanced the **LevelUp 737 NG series** compatibility
- Updated some Twin Otter value to fit the payware R. Wilson version.
- Reorganised the dev mode very slightly
- **Second upload : prevention of a FWL crash due to the Twin Otter preferences**

### Version 73.2, 12th of January 2025

- **Diamond DA-20** enhanced recognition
- New feature : **"mirror the services"**. As an exception you can board passenger on the starboard side however some animations are voluntarily simplified. Restricted to small aircraft.
- **S92 helicopter** refined (and mirrored) ground services (because the door is on the right hand side on the model).
- Adjusted the user profile export module, to allow each user to save the mirror status in their user profile.
- Added **Type 45 Destroyer** compatibility (as static or dynamic boat). You need to download the destroyer and install it by yourself if you want it. We only have placeholders in place. [Optional Ships.pdf](#)
- Updated optional ships documentation
- Developed in X-Plane 12.1.2 - not tested with 12.1.3.

### Version 73.3, 22th of January 2025

- Embraer Regional Jets (ERJ-140) enhanced recognition (cargo hold on the left hand side. Tested by [@domvc10](#))
- **X-Plane 11.55 : corrected a FlyWithLua crash** when requesting the aircraft carrier or the frigate (only for X-Plane 11 users).
- Switched the type KC-135 to boarding without stairs
- Developed in X-Plane 12.1.2 and X-Plane 11.55

### Version 74, 4th of February 2025

- **X-Plane 12.1.4 new library objects** ("Ambulances, Trucks, Airside and Airport Operations") support
- **Added night lighting to X-Plane 12 new library objects**

- Relegated the use of the legacy (compared to the new 12.1.4 assets) vehicles as an available option (civilian vehicles)
- Regional diversity of vehicles (civilian vehicles)
- Local random diversity of vehicles (civilian vehicles)
- Embraer 170 and 175 : you can revert to a regular catering service truck (option on the fly).
- Integrated in the GUI some more rarely used options which were only editable in configuration files previously
- **Bugfix : anti-respawn** could crash X-Plane when no AI aircraft were flying around.
- Developed in X-Plane 12.1.4 and X-Plane 11.55



#### Version 74.1, 6th of February 2025

- **Options** previously in configurations files can now be changed in-game in the graphical user interface (like "No cones" at startup)
- Added **auto-detection of third party assets**, like X-Trident cars (CH47 payware) and X-Trident aircraft carrier Cavour (AV-8B payware)
- **Added custom chocks for all aircraft**, replacing Laminar Research objects used so far
- Fine tuned chocks for the CONCORDE, DH8D, BAE146-100, BAE146-200, BAE146-300, E170, E175, E190, E195, B737-800, B767-200, B767-300, B767-400, B777-200, A319, A320, A321, A330-300, A330-900, A340-600, Cessna 172, Cessna 337, Cessna Citation X, SR22, Lancair Evolution, BE9L, PA18, PA28, RV10, CT4, DV20 (Diamond 20), SF50, KODIAC, E55P Phenom, AV-8B, F-14, F-15, F-16, F-104, HAWK, CH47, ALIA 250
- Note : all other aircraft have the new chocks but their position is not as accurate as those.
- **Customization of chocks emplacement available in the developer menu** from now on, can be saved as a user profile.
- Included a command to launch the initial or the turn-around **apron sequence** (see X-Plane Keyboard preferences)
- Timing of the apron services sequence now saved automatically in the user preferences if the user choose a different duration.
- **Bugfix : repaired the boarding or deboarding direction**, which was falsely reversed in favor of deboarding (instead of the expected boarding) at first call.
- **Bugfix** : it was not possible to move the maintenance stair or the heavy crane for some kind of aircraft, the control menu is back.

#### Version 74.2 😊 10th-17th of February 2025

- Option to manually reduce even more the number of passengers, on top of the existing automatic mechanism
- GLF650ER elected for a reduced number of passengers by default
- Catering opens and closes the Dash-8 Q4XP Rear Right door.
- In X-Plane 12, use Laminar Research Air Start Unit but with a new high pressure air duct.
- Force (once) passengers to deboard after a flight. I did struggle a bit with several iterations, after a transition from a long-standing logic to something different. Now I believe it's stable.
- Reupload : correct geometry for the High Bleed Air Start Unit
- More fine tuning for the Boeing 787-8, Boeing 787-9, MU-2

### Version 74.3, 22th of February 2025

- Catering truck with more 3D volumes
- Landing gear chocks geometry refined for the B737-600, B737-700, B737-900
- Duration of the turn-around sequence is now adjusted to a shorter time as well when the user preference was adjusted to a short departure services sequence.
- Developer mode accessible also from the AW-109SP helicopter.
- CitationJet C525 added.
- Extensive support with for the Embraer Lineage 1000 (E19L). Including the airstairs and differences with the Embraer 190 airliner.
- Support for the CDB-Library if you have it installed in the Custom Scenery folder. The user has a new option to use the static people from that library.
- Links to check for SGES updates (in the options)
- Links to the weather report at current location via a button in the graphical user interface

### Version 74.4, 23th of February 2025

- **CRITICAL FIX** : adjustments to remove broken OS dependencies introduced in the previous version.
- **SECOND UPLOAD** : removed libraries autodetection by default, to avoid MS Windows support issues
- Weather website : switched by default to an European source, because "Thousands of U.S. Government Web Pages Have Been Taken Down", the New York Times says
- Weather website : new user option to select provider in Norway [default], Spain or USA.

### Version 74.5, 23th of February 2025

- Red carpet added for VIP, under some conditions (flying a bizjet and some others).
- Fix for the **Embraer Lineage** : restored manual door control in X-Crafts's EFB, thanks to [@mooney man](#) report

### Version 74.6, 11th of May 2025

- Added the possibility to display the airliners airstairs away from the fuselage doors. (There no animation though between the in-contact position and the distant position, it's just a switch).
- Redefined the DC-3 and C-47 gear chocks positions
- Offer either a boarding ramp for the DC-3 or a small metallic stair (in bush mode) (not in sync with pax) (only tested in X-Plane 12.1)

### Version 74.7, 21th of May 2025

- Reworked ground handling for the BAe 146 in X-Plane 12
- BAe 146-100, BAe 146-200, BAe 146-300 passengers versions with tailored ground set
- BAe 146-100, BAe 146-200, BAe 146-300 Quiet Trader versions with tailored cargo set



### Version 74.8, 1st of June 2025

- **Bugfix** : restored manual pushback when no wing walkers are available (one change in subscipt Pushback.lua)

### Version 74.9, 20th of June 2025

- Sopwith CAMEL tailored support
- AS365 Dauphin helicopter tailored support
- Adjusted the chocks position in the Flight Factor / StepToSky 757-200, 757-300.
- Mil-24 Hind helicopter added
- Sokol W3A helicopter added
- Added an option to force the use of containerized cargo in the A320 series holds instead of loose cargo, even for passengers variants.

